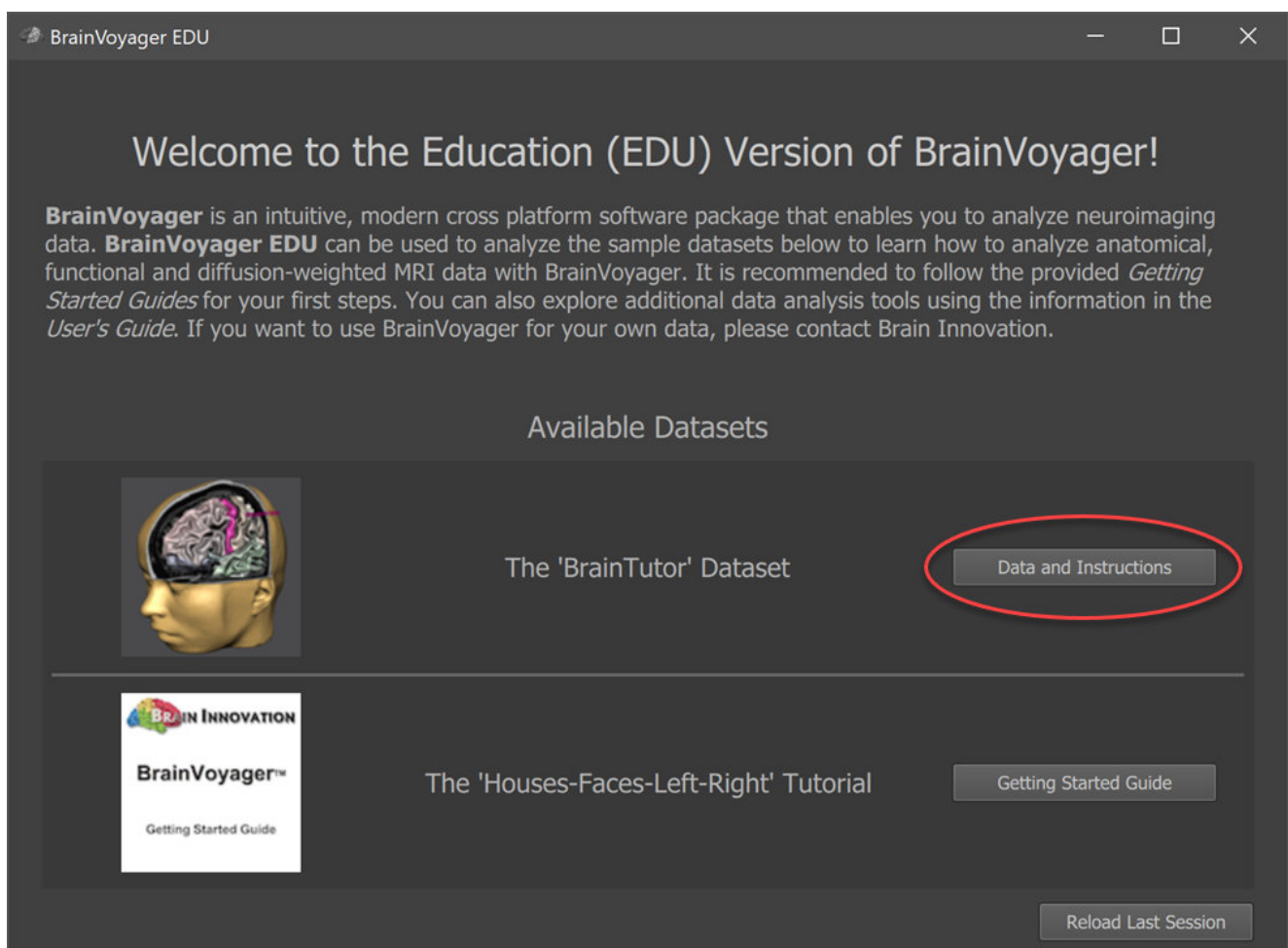


Basic Visualizations using Brain Tutor Data

In this guide you will learn about basic visualization capabilities of BrainVoyager and BrainVoyager EDU. You will learn how to load and browse through 3D anatomical datasets and how to load and view head and cortex mesh files that have been prepared using BrainVoyager tools. In case you want to learn how to create volume and mesh files from raw scanner data yourself, follow the instructions in the Getting Started Guide (GSG). In the EDU version, the GSG as well as this guide can be chosen from the **Welcome** overview screen (see screenshot below). In BrainVoyager, the guide can be found in the *GettingStartedGuides* folder located in the *BrainVoyager installation folder*. For general background information about the capabilities of BrainVoyager, consult the *User's Guide* that is available in the **Main Toolbar** and the **Help** menu.

First Steps

After starting BrainVoyager EDU, select the 'The BrainTutor Dataset' in the appearing **Welcome** screen by clicking the **Data and Instructions** button (see screenshot below).



This will load a 3D anatomical dataset from your disk called "CG2 TAL 1mm.vmr" and a head mesh file called "CG head hires.srf". In case the data is not available on your computer, the program offers to download them from our web site (<https://www.brainvoyager.com/bv/sampleddata/index.html>) where you can also manually download them. The data and this guide are downloaded as two ZIP files into your

Documents/BVSampleData folder. After downloading is complete, the ZIP file containing the data will be extracted into the /Documents/BVSampleData/BrainTutorData folder while the PDF guide itself will be placed in the /Documents/BVSampleData folder.

When the data is downloaded and installed, the 3D anatomical dataset "CG2 TAL 1mm.vmr" and the head mesh "CG head hires.srf" will be automatically loaded but you can also load them manually using the **Open** icon and the **Load Mesh** icon in the **main toolbar** of the program. Note that each of these two datasets are visualized inside their own tab in the [multi-document interface](#) (MDI) - the central part of the program window.